

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 1, 2, 4 and 5 without prejudice or disclaimer and AMEND the claims in accordance with the following:

1. (cancelled)

2. (cancelled)

3. (currently amended) ~~The A method as claimed in claim 2 further of managing a~~
memory device, said memory device comprising a memory area comprising at least one flash
memory and a controller for controlling data writing to the memory area, the method comprising,
:

sending from a host computer to the controller a size of data to be written from the host
computer to the memory area; and

causing the controller to estimate a length of time to be required for writing the data into
the memory area on a basis of the size of the data and conditions of the memory area, said
conditions indicating at least whether data evacuation is necessary;

after causing the controller to estimate the length of time, estimating electric power
required for writing the data on a basis of the length of time; and

after said estimating electric power, checking whether the data can be written into the
memory area by using available electric power.

4. (cancelled)

5. (cancelled)

6. (previously presented) A method of managing a memory device having a memory
area and a controller for controlling data writing in the memory area, the method comprising:

sending to the controller a size of data to be written into the memory area; and
estimating, by using the controller, a length of time to be required for writing the data into
the memory area on a basis of the size of the data and conditions of the memory area;
estimating electric power required for writing the data on a basis of the length of time;
and
checking whether the data can be written into the memory area by using available
electric power after estimating the electric power required.